```
AU 9224285    A         G06F-015/00   Based on patent WO 9302422
US 5383113    A      16 G06F-015/21
US 5873072    A         G06F-151/00   Cont of application US 91736071
                                      Cont of patent US 5383113
US 20010044776 A1       G06F-017/60    Cont of application US 91736071
                                      Cont of application US 95372620
                                      Cont of application US 99250675
                                      Cont of patent US 5383113
                                      Cont of patent US 5873072
US 20020062282 A1       G06F-017/60    Cont of application US 91736071
                                      Cont of application US 95372620
                                      Cont of application US 99250711
US 20020065773 A1       G06F-017/60    Cont of application US 91736071
                                      Cont of application US 95372620
                                      Cont of application US 99250711
```

Abstract (Basic): WO 9302422 A
        The computer system includes an input device for inputting
    consumer's information into the computer system which relates to the
    consumer's financial institution and billing entities to be paid, and
    memory stores for storing the information, and for defining and storing
    mathematical interrelationships relating to the information.
        The computer system further includes an access device used by the
    consumer to electonically access the system from a **remote** location
    and **instruct** a sefvice provider to **pay** the consumer's **bills** . A
    control mechanism is provided for enabling the service provider to make
    payment to the billing entities.
        ADVANTAGE - More efficient and cost-effective.
        Dwg.5/5
Title Terms: COMPUTER; SYSTEM; BILL; PAY; CONSUME; INSTRUCTION; ACCESS;
   DEVICE; CONSUME; ACCESS; COMPUTER; SYSTEM; REMOTE; LOCATE; BILL; PAY;
   MADE; CONSUME; INSTRUCTION
Derwent Class: T01; T05
International Patent Class (Main): G06F-015/00; G06F-015/21; G06F-017/60;
   G06F-151/00
File Segment: EPI

DIALOG(R)File 347:JAPIO

07391362   **Image available**
ELECTRONIC COUPON AND METHOD AND SYSTEM FOR ACCEPTING ELECTRONIC COUPON

```
PUB. NO.:      2002-259863  [JP 2002259863  A]
PUBLISHED:     September 13, 2002 (20020913)
INVENTOR(s):   MODANI NATWAR
               MITTAL PARUL A
               GARG RAHUL
               AGGARWAL ALOK
APPLICANT(s):  INTERNATL BUSINESS MACH CORP (IBM)
APPL. NO.:     2002-029714  [JP 20022029714]
FILED:         February 06, 2002 (20020206)
PRIORITY:      01 782934 [US 2001782934], US (United States of America),
               February 13, 2001 (20010213)
INTL CLASS:    G06F-017/60
```

ABSTRACT

PROBLEM TO BE SOLVED: To provide an electronic coupon and an electronic commerce system and method for accepting the electronic coupon by use of calculator equipment.
SOLUTION: In this method, an issuing party issues an electronic coupon to a customer. The customer presents the coupon to an exchanging party for the purpose of exchange. The exchanging party transmits the coupon to a verifying party for the purpose of verification. If it is verified, the verifying party demands the bill of the exchanging party and delivers the bill to the issuing party. The exchanging party receives the coupon of the customer and **requests** the issuing party to **pay** back the **bill** . The **electronic** coupon has a plurality of data fields including a coupon identifier x, a first one-way hash function field F (x), and a security signature field.

DIALOG(R)File 347:JAPIO

07264675   **Image available**
DATA ANALYSIS SYSTEM AND DATA ANALYSIS METHOD

```
PUB. NO.:      2002-133136  [JP 2002133136  A]
PUBLISHED:     May 10, 2002 (20020510)
INVENTOR(s):   KOKUBO TAKASHI
               KURASAWA HIDEAKI
APPLICANT(s):  TOKYO ELECTRIC POWER CO INC:THE
APPL. NO.:     2000-329028  [JP 2000329028]
FILED:         October 27, 2000 (20001027)
INTL CLASS:    G06F-017/60; G05B-023/02; G06F-011/22; G06F-013/00;
               G06F-017/50
```

ABSTRACT

PROBLEM TO BE SOLVED: To provide a data analysis system and a data analysis method dispensing with high level special knowledge for managing a diagnosis and analysis program and allowed to be used from a **remote** place for **payment** or free of **charge** .

SOLUTION: An analysis and diagnosis **request** person makes connection to a home page of analysis and diagnosis service on a server computer by a user computer by use of the Internet, and makes an application for specified analysis and diagnosis to transmit necessary data to the server computer. The server computer transfers the data to an analyzing computer for

actually executing an analysis and diagnosis program. Intervention of a special engineer required for executing the program of the analyzing computer is performed by a terminal connected to the analyzing computer. The obtained analysis and diagnosis results are returned to the server computer, and the server computer announces the same to the user computer concerned with the request. The user computer can acquire the analysis and diagnosis result from the home page.

15/5/3   (Item 3 from file: 347)
DIALOG(R)File 347:JAPIO
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06527515   **Image available**
ELECTRONIC TICKET METHOD AND ELECTRONIC TICKET SYSTEM

PUB. NO.:   2000-113238 [JP 2000113238 A]
PUBLISHED: April 21, 2000 (20000421)
INVENTOR(s): WASANO TETSUO
              KAWASHIMA NOBUO
              MURAYAMA TAKAHIKO
APPLICANT(s): NIPPON TELEGR & TELEPH CORP (NTT)
APPL. NO.:   10-287571 [JP 98287571]
FILED: October 09, 1998 (19981009)
INTL CLASS: G07B-001/00; G06F-017/60; G07F-007/08

ABSTRACT
PROBLEM TO BE SOLVED: To electronically perform ticket purchase and the acquisition and storage of ticket information on a card and also to prevent paper resources from being wasted.

SOLUTION: A telephone set 24 having an IC card reader/writer is connected to an electronic cash issuing mechanism 20 and electronic cash is charged on an IC card. The telephone set 24 is connected to a ticket center 21, a desired ticket is selected according to an **instruction** menu and booking is performed, the ticket **charge** is **paid** by **electronic** cash on the IC card and the ticket information is stored on the IC card. When the IC card is inserted into a card printer 26 installed at the place for an event, seat information is printed in a rewritable print area on the IC card surface.

15/5/4   (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

014760283   **Image available**
WPI Acc No: 2002-580987/200262
  Method for automatically processing address change and public charge demand and receipt
Patent Assignee: LEE S Y (LEES-I)
Inventor: LEE S Y
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
KR 2002017148	A	20020307	KR 200050290	A	20000829	200262	B

Priority Applications (No Type Date): KR 200050290 A 20000829
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
KR 2002017148	A		1	G06F-017/60	

Abstract (Basic): KR 2002017148 A
   NOVELTY - A method for automatically processing address change,
public charge and public charge demand and receipt is provided to
integrally and automatically process address change and public charge
demand and receipt by one time report by applying personal
ID(Identification) to individual citizens and to let the citizens
conduct cyber-transaction.
   DETAILED DESCRIPTION - The method comprises steps of a payer
applying for Internet giro and receiving an e-mail ID, transmitting
notification particulars of the payer via EDI(**Electronic   Data
Interchange**), storing the particulars in a **charge**   demand box of
the payer, a user checking the particulars and paying the charge,
requesting a bank to draw out money, the drawing out money and sending
the reason of drawing failure, on-line confirming the payment
processing result, instructing a bank of an organization to pay charge,
requesting settlement of accounts to a national bank, settling accounts
by drawing based on account settlement data or via a current deposit
account between banks, paying charge on the organization after account
settlement, and transmitting the payment particulars.
   pp; 1 DwgNo 1/10
Title Terms: METHOD; AUTOMATIC; PROCESS; ADDRESS; CHANGE; PUBLIC; CHARGE;
  DEMAND; RECEIPT
Derwent Class: T01
International Patent Class (Main): G06F-017/60
File Segment: EPI

 15/5/5   (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

014717887   **Image available**
WPI Acc No: 2002-538591/200257
XRPX Acc No: N02-426571
  **Content sharing method for audio visual data e.g. TV programs, films etc.
  using a content alert electronic postcard to recommend shows to others**
Patent Assignee: DOBBELAAR A M F (DOBB-I); KONINK PHILIPS ELECTRONICS NV
  (PHIG)
Inventor: DOBBELAAR A M F
Number of Countries: 023 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200257971	A2	20020725	WO 2001IB2645	A	20011218	200257	B
US 20020107808	A1	20020808	US 200247026	A	20020115	200259	

Priority Applications (No Type Date): EP 2001200173 A 20010118
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200257971	A2	E	13	G06F-017/60	

    Designated States (National): CN JP KR
    Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU
    MC NL PT SE TR

| US 20020107808 | A1 | | | G06F-017/60 | |

Abstract (Basic): WO 200257971 A2
   NOVELTY - The content is forwarded to the viewers set top box or
digital TV and accessed. If the viewer wishes to recommend the content
to a friend they can forward to them an electronic content alert
containing a brief summary of the content. Using a micro payment
electronic billing system the users is charged for individual programs
or content.
   DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for
   (1) a facilitating device for sharing a content item.
   (2) a method of facilitating the sharing of a content item.
   (3) a computer program for facilitating the sharing of a content
item.

USE - Content distribution for audio visual media e.g. TV programs, films etc. over a digital television network..
ADVANTAGE - Since the content sharing system is linked to an **electronic** micro **payment** system, the operator can **charge** for specific items and share the revenue **directly** with the copyright owner. The content alert system allows additional viewers to be informed about interesting items via recommendations from friends, hence they are more likely to view the item.
DESCRIPTION OF DRAWING(S) - The drawing shows a schematic diagram of the content forwarding system.
pp; 13 DwgNo 1/2
Title Terms: CONTENT; SHARE; METHOD; AUDIO; VISUAL; DATA; TELEVISION; PROGRAM; FILM; CONTENT; ALERT; ELECTRONIC; POSTCARD; SHOW
Derwent Class: T01; W02
International Patent Class (Main): G06F-017/60
File Segment: EPI

15/5/6   (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

014591754   **Image available**
WPI Acc No: 2002-412458/200244
 Method for providing charged contents service
Patent Assignee: HEO M G (HEOM-I)
Inventor: HEO M G
Number of Countries: 001   Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
KR 2001114002	A	20011229	KR 200033837	A	20000620	200244	B

Priority Applications (No Type Date): KR 200033837 A 20000620
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes		
KR 2001114002	A		1	G06F-017/60			

Abstract (Basic): KR 2001114002 A
NOVELTY - A method is provided to provide **charged** contents service on the **Internet** by a **direct** **payment** manner or an indirect payment manner through a support company.
DETAILED DESCRIPTION - An Internet user connects a contents server(110), and selects predetermined contents provided from the contents server(120). The user selects a payment manner for the selected contents(130). In case that the user selects a direct payment manner, settlement for corresponding contents is carried out(150, 170). In case that the user selects an indirect payment manner, a compensation action is performed according to a condition that a support company charges a corresponding payment, or a contract for the compensation action is concluded(150, 160). The contents server provides the Internet user with the selected contents(180).
pp; 1 DwgNo 1/10
Title Terms: METHOD; CHARGE; CONTENT; SERVICE
Derwent Class: T01
International Patent Class (Main): G06F-017/60
File Segment: EPI

15/5/7   (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014516333   **Image available**
WPI Acc No: 2002-337036/200237
 System for demanding **integrated** charge **and doing** payment **by proxy** online **on** internet

Patent Assignee: BACK S H (BACK-I); HWANG S K (HWAN-I); JEONG S W (JEON-I)
Inventor: BACK S H; HWANG S K; JEONG S W
Number of Countries: 001   Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
KR 2001106707	A	20011207	KR 200027625	A	20000523	200237	B

Priority Applications (No Type Date): KR 200027625 A 20000523
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
KR 2001106707	A		1	H04L-012/14	

Abstract (Basic): KR 2001106707 A
    NOVELTY - A system for **demanding** an integrated **charge** and doing
payment by proxy **online** on the **Internet** is provided to integrate
and arrange a client's various bill data using an operating system and
to send the integrated bill to him so that he can transfer or pay the
charged money through his bank.
    DETAILED DESCRIPTION - The first computer network is provided so
that a service provider(200) can access the third computer system of an
integrated charge demanding and payment agency service system
provider(100). The second computer network is provided so that a
client(300) can access the service system provider(100) and the service
provider's bank(400). The third computer system of the service system
provider(100) can access the first computer network and the second
computer network. The fourth computer network of the bank(400),
connected with the second computer of the client, can access the third
computer network.
    pp; 1 DwgNo 1/10
Title Terms: SYSTEM; DEMAND; INTEGRATE; CHARGE; PAY
Derwent Class: W01
International Patent Class (Main): H04L-012/14
File Segment: EPI

 15/5/8   (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

014471873   **Image available**
WPI Acc No: 2002-292576/200234
XRPX Acc No: N02-228451
  **Automated bill payment system has bill processing server which stores
  billing party connection information and connects financial institution
  servers for fund transfer upon demand from client**
Patent Assignee: CTI COMTEL INC (CTIC-N)
Inventor: LOEWEN W H; SENEZ R
Number of Countries: 001   Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
CA 2308516	A1	20011112	CA 2308516	A	20000512	200234	B

Priority Applications (No Type Date): CA 2308516 A 20000512
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
CA 2308516	A1	E	31	H04L-012/16	

Abstract (Basic): CA 2308516 A1
    NOVELTY - The system comprises bill processing server (12) to which
client computer (18), billing party server (14) and financial
institution servers (16) are connected through **internet** . The **bill**
payment initiator at client computer transmits **bill** payment
instructions to the server (12) which stores billing party connection
information in database and connects servers (16) for debiting and
crediting client and billing party accounts.
    DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for

automated bill payment method.
      USE - For fully automated bill payment.
      ADVANTAGE - The fully automated and secure bill payment system is
simple for client to operate. Permits client payor to effect payment of
bills from multiple billing parties at a single web site location and
provides billing party the opportunity to use the billing process as a
marketing tool.
      DESCRIPTION OF DRAWING(S) - The figure shows a diagram of automated
bill payment system.
      Bill processing server (12)
      Billing party server (14)
      Financial institution servers (16)
      Client computer (18)
      pp; 31 DwgNo 1/5
Title Terms: AUTOMATIC; BILL; PAY; SYSTEM; BILL; PROCESS; SERVE; STORAGE;
   BILL; PARTY; CONNECT; INFORMATION; CONNECT; FINANCIAL; INSTITUTION; SERVE
   ; FUND; TRANSFER; DEMAND; CLIENT
Derwent Class: T01; T05
International Patent Class (Main): H04L-012/16
International Patent Class (Additional): G06F-017/60; G07F-019/00
File Segment: EPI

   15/5/9   (Item 6 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014461615   **Image available**
WPI Acc No: 2002-282318/200233
XRPX Acc No: N02-220473
   Micro- payment method e.g. for electronic services, has charges for
   service logged against initial payment credit with periodic   request   for
   further payments
Patent Assignee: SIEMENS AG (SIEI); VINDEBY P (VIND-I)
Inventor: VINDEBY P
Number of Countries: 027   Number of Patents: 003
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
DE 10107131   C1   20020425 DE 1007131   A   20010215 200233 B
US 20020128912 A1   20020912 US 200277035   A   20020214 200262
EP 1233384   A2   20020821 EP 2002100100 A   20020201 200262

Priority Applications (No Type Date): DE 1007131 A 20010215
Patent Details:
Patent No   Kind Lan Pg   Main IPC   Filing Notes
DE 10107131   C1   5 G07F-007/10
US 20020128912 A1   G06F-017/60
EP 1233384   A2 G   G07F-019/00
   Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
   LI LT LU LV MC MK NL PT RO SE SI TR

Abstract (Basic): DE 10107131 C1
      NOVELTY - The micro-payment method has a monetary payment made by
transmission of a payment request from the service provider to the
user, with a corresponding payment confirm transmitted from the user to
the service provider, before the service is used, with logging of the
charges during use of the service against the credit established by the
initial payment, until a second payment is required.
      DETAILED DESCRIPTION - An INDEPENDENT CLAIM for a micro-payment
device is also included.
      USE - The micro-payment method is used for E-commerce services,
e.g. for games, information, videos, or music services.
      ADVANTAGE - The method allows small monetary amounts to be charged
at repetitive intervals during use of an electronic service.
      DESCRIPTION OF DRAWING(S) - The figure shows a flow diagram for a
pre-confirming process for a micro-payment method for E-commerce.

                    EKD   January 30, 2003

pp; 5 DwgNo 1/1
Title Terms: MICRO; PAY; METHOD; ELECTRONIC; SERVICE; CHARGE; SERVICE; LOG;
  INITIAL; PAY; CREDIT; PERIODIC; REQUEST
Derwent Class: T01; T05
International Patent Class (Main): G06F-017/60; G07F-007/10; G07F-019/00
International Patent Class (Additional): G06F-019/00; H04L-012/14;
  H04M-017/00
File Segment: EPI

 15/5/10   (Item 7 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014395441   **Image available**
WPI Acc No: 2002-216144/200227
Related WPI Acc No: 2001-549470; 2002-130114; 2002-239126; 2002-443439;
  2002-443440; 2002-443441; 2002-443442; 2002-488940; 2002-499393
XRPX Acc No: N02-165640
  **Billing information presenting method for electronic commerce, involves
  transmitting bill information corresponding to respective payors based on
  received request**
Patent Assignee: CHECKFREE CORP (CHEC-N)
Inventor: AU R; BRADLEY K W; BRINGARDNER C M; KITCHEN B; MOSES G B
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20020019809	A1	20020214	US 9834561	A	19980303	200227	B
			US 2001892627	A	20010628		

Priority Applications (No Type Date): US 9834561 A 19980303; US 2001892627
  A 20010628
Patent Details:

Patent No	Kind Lan	Pg	Main IPC	Filing Notes
US 20020019809 A1		35	G06F-017/60	Cont of application US 9834561
				Cont of patent US 6289322

Abstract (Basic): US 20020019809 A1
      NOVELTY - Billing information are received from different billers.
  The received billing information represents bills for different payors.
  Bill information corresponding to respective payors, is transmitted in
  the payor in response to request of current billing information from
  respective payors.
      DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the
  following:
      (a) Electronic bill presentment system;
      (b) Electronic bill presentment network
      USE - For electronic presentation of an aggregation of bills from
  different billers such as merchants, utility companies, service
  providers and bank card companies.
      ADVANTAGE - **Electronic   billing** system facilitates timely
  payment of **bills** by providing **billing** information to payors in
  response to **request** for current billing information. The billing
  system also provides electronic presenting bill in a form desired by
  the payors.
      DESCRIPTION OF DRAWING(S) - The figure shows the bill processing
  network.
      pp; 35 DwgNo 1/15
Title Terms: BILL; INFORMATION; PRESENT; METHOD; ELECTRONIC; TRANSMIT; BILL
  ; INFORMATION; CORRESPOND; RESPECTIVE; BASED; RECEIVE; REQUEST
Derwent Class: T01; T05
International Patent Class (Main): G06F-017/60
File Segment: EPI

 15/5/11   (Item 8 from file: 350)

014374448   **Image available**
WPI Acc No: 2002-195151/200225
Related WPI Acc No: 2001-051754
XRPX Acc No: N02-148248
  **Internet based electronic bill payment processing method involves
  transmitting notice to payer of bills of payee to whom payer**
  electronically   directs   payment **are available**
Patent Assignee: CHECKFREE SERVICES CORP (CHEC-N)
Inventor: GANESAN R
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20020013768	A1	20020131	US 99298889	A	19990426	200225	B
			US 2000734694	A	20001213		

Priority Applications (No Type Date): US 2000734694 A 20001213; US 99298889
  A 19990426
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020013768	A1		49	G06F-017/60	CIP of application US 99298889

Abstract (Basic): US 20020013768 A1
      NOVELTY - The method involves determining whether the bills of the
  payee to whom a payer intends to electronically direct payment is
  available. A notice is then transmitted to the payer informing the
  availability of the bills of the payee electronically.
      DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the
  following:
      (a) Electronic bill payment processing system;
      (b) Article of manufacture for processing bill payment information;

      (c) Electronic bill availability notification method to a payer
      USE - For processing electronic bill payment using Internet.
      ADVANTAGE - The usage of electronic bill payment is simplified by
  identifying and notifying to the payer that the bills of the payee to
  whom the payer electronically directs payment are available.
      DESCRIPTION OF DRAWING(S) - The figure shows an electronic bill
  presentation and payment network.
      pp; 49 DwgNo 1/32
Title Terms: BASED; ELECTRONIC; BILL; PAY; PROCESS; METHOD; TRANSMIT;
  NOTICE; PAY; BILL; PAY; ELECTRONIC; DIRECT; PAY; AVAILABLE
Derwent Class: T01; T05
International Patent Class (Main): G06F-017/60
File Segment: EPI

 15/5/12   (Item 9 from file: 350)

014161716   **Image available**
WPI Acc No: 2001-645944/200174
  **Wireless paying device and method for electronic commercial transaction
  of internet television**
Patent Assignee: BIOINFOMATIX INC (BIOI-N); BIO INFORMATIX INC (BIOI-N)
Inventor: KANG M S; PARK J Y
Number of Countries: 001 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
KR 2001044955	A	20010605	KR 9948019	A	19991101	200174	B
KR 323248	B	20020219	KR 9948019	A	19991101	200257	

Priority Applications (No Type Date): KR 9948019 A 19991101
Patent Details:

Abstract (Basic): KR 2001044955 A

     NOVELTY - A wireless paying device and method for an electronic commercial transaction of an **internet** television is provided to **pay** a **charge** of a commodity without inputting a card number **directly** by providing a card reader device when an electronic commercial transaction is performed using an internet television.

     DETAILED DESCRIPTION - A micro processor(30) being provided in a wireless terminal devices comprises a CPU(30a), internal memories(30b,30c), an input/output port(36), an A/D converter, and a serial port etc. The micro processor(30) processes input/output of data read in a card reader(32), and controls a mouse and all external devices for modulating an infrared rays and a high frequency signal for communicating with an internet television. Also, the micro processor(30) controls a ROM(30c) having a DES security algorithm and secures input information. As the card reader(32), a magnetic card reader or an IC card reader is provided. The IC card is comprised by contacting a data input/output contact point and a contact point provided in a slot of a wireless terminal device. A wireless communication unit(33) is an infrared rays transmitting device for performing frequency division of a 38-KHz frequency and connecting to an output terminal of a keyboard by a NAND gate and transmitting an infrared rays signal to an internet television or a wireless communication unit for transmitting data using a frequency of an ISM band. A key input unit and mouse unit(31), the card reader(32), and the wireless communication unit(33) are inputted/output to the input/output port(36) by a control of the micro processor(30) and are inputted/output to the micro processor(30) through an address bus and a data bus.

     pp; 1 DwgNo 1/10
Title Terms: WIRELESS; PAY; DEVICE; METHOD; ELECTRONIC; COMMERCIAL; TRANSACTION; TELEVISION
Derwent Class: W02
International Patent Class (Main): H04N-007/14
File Segment: EPI

 15/5/13   **(Item 10 from file: 350)**
DIALOG(R)File 350:Derwent WPIX
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013988975   **Image available**
WPI Acc No: 2001-473189/200151
  Method for providing ibpp service through internet
Patent Assignee: E HYUNDAI DEPARTMENTS STORE CO LTD (EHYU-N)
Inventor: KANG B G
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
KR 2001008208 A		20010205	KR 200067814	A	20001115	200151	B

Priority Applications (No Type Date): KR 200067814 A 20001115
Patent Details:

Abstract (Basic): KR 2001008208 A

     NOVELTY - A method for providing IBPP(Internet Bill Presentment Payment) service through internet is provided to supply safe and efficient IBPP service among a user, an agent, and a service utilizing organization.

     DETAILED DESCRIPTION - A user and a service utilizing organization apply for IBPP service to an agency(200). The user selects and deletes

the desired service utilization organizations from a diverse number of
registered service utilizing organizations(300). The agency updates the
user of the service utilizing organizations' renewed registration
informations(400) and it sends **bills** to the user through the
internet (500). The agency receives the **payment** when the user
requests to make the payment to the agency and informs the payment
information to the user and the service utilizing organizations(600).
After the payment is made, the pay-bill service data is provided to the
service utilizing organization that used the agency's DB(700). The
service utilizing organization calculates a commission amount and pays
the agency(800).
        pp; 1 DwgNo 1/10
Title Terms: METHOD; SERVICE; THROUGH
Derwent Class: T01
International Patent Class (Main): G06F-019/00
File Segment: EPI

 15/5/14   (Item 11 from file: 350)·
DIALOG(R)File 350:Derwent WPIX
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013980797   **Image available**
WPI Acc No: 2001-465011/200150
XRPX Acc No: N01-344945
  **Host-sponsored data transmission billing system to provide Internet
  access to a mobile user through an Internet gateway**
Patent Assignee: NOKIA CORP (OYNO); NOKIA INC (OYNO)
Inventor: AARNIO A; RISSANEN J
Number of Countries: 093 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200143416	A2	20010614	WO 2000IB1803	A	20001205	200150	B
AU 200117220	A	20010618	AU 200117220	A	20001205	200161	
EP 1236151	A2	20020904	EP 2000979839	A	20001205	200266	
			WO 2000IB1803	A	20001205		

Priority Applications (No Type Date): US 99455250 A 19991206
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200143416	A2	E	13	H04M-015/00	

    Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY CA CH
    CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE
    KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU
    SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
    Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
    IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

| AU 200117220 | A | | | H04M-015/00 | Based on patent WO 200143416 |
| EP 1236151 | A2 | E | | G06F-017/60 | Based on patent WO 200143416 |

    Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
    LI LT LU LV MC MK NL PT RO SE SI TR

Abstract (Basic): WO 200143416 A2
        NOVELTY - An operator billing system is provided either in the
    Internet gateway itself or coupled to the gateway, this generates
    billing data for payment by the mobile user for connection requests by
    the mobile user through the Internet gateway to private sites on the
    Internet . The system **bills** data for **payment** by host-sponsors for
    connection **requests** by the mobile user to the host-sponsored sites.
        USE - To provide Internet access to a mobile user through an
    Internet gateway.
        ADVANTAGE - Reduce the costs to the mobile user to encourage access
    to host-sponsored commercial sites.
        DESCRIPTION OF DRAWING(S) - The drawing shows a schematic diagram
    of the system.
        pp; 13 DwgNo 1/3

Title Terms: HOST; DATA; TRANSMISSION; BILL; SYSTEM; ACCESS; MOBILE; USER; THROUGH; GATEWAY
Derwent Class: T01; T05; W01; W02
International Patent Class (Main): G06F-017/60; H04M-015/00
International Patent Class (Additional): H04L-012/14
File Segment: EPI

 15/5/15   (Item 12 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

013514679   **Image available**
WPI Acc No: 2000-686625/200067
Related WPI Acc No: 1997-012261; 1998-179632; 1998-241041; 1998-495179;
 1998-506090; 2000-365842; 2000-686548; 2001-112026; 2001-244020;
 2001-315902
XRPX Acc No: N00-507676
 **Biometric automated teller machine access involves accessing financial
 transactions only when forwarded account access request message with
 biometric sample is in accord with details registered for each user**
Patent Assignee: SMARTTOUCH INC (SMAR-N); VERISTAR CORP (VERI-N); INDIVOS
 CORP (INDI-N)
Inventor: HOFFMAN N; LEE J A; PARE D F
Number of Countries: 090 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200046710	A1	20000810	WO 2000US2371	A	20000131	200067	B
AU 200034767	A	20000825	AU 200034767	A	20000131	200067	
EP 1210678	A1	20020605	EP 2000913298	A	20000131	200238	
			WO 2000US2371	A	20000131		
BR 200008047	A	20021022	BR 20008047	A	20000131	200278	
			WO 2000US2371	A	20000131		

Priority Applications (No Type Date): US 99245501 A 19990205
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200046710	A1	E	69	G06F-017/60	

    Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN
    CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
    KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE
    SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
    Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
    IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW
AU 200034767 A   G06F-017/60   Based on patent WO 200046710
EP 1210678   A1 E   G06F-017/60   Based on patent WO 200046710
    Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI
    LU MC NL PT SE
BR 200008047 A   G06F-017/60   Based on patent WO 200046710

Abstract (Basic): WO 200046710 A1
     NOVELTY - The personal identification number, biometric sample like
fingerprint, retinal and facial image corresponding to each user is
registered in an electronic identicator. The financial account access
is enabled only when biometric sample detail or PIN code forwarded for
each user from automated teller machine is in accord with details
registered in electronic identicator.
     DETAILED DESCRIPTION - The financial operations are withdrawing
cash, depositing funds, transferring funds between accounts, obtaining
account balances, purchasing products, **paying bills** and obtaining
electronic cash. The financial operations are inhibited when account
request message has false codes. The alphanumeric codes are set for
account index number. The automated teller machine is at remote
location and is accessed via computer networks in institutions. An
INDEPENDENT CLAIM is also included for tokenless biometric access
device.

                         EKD   January 30, 2003

USE - For accessing financial accounts without using tokens like
smart cards or swipe cards in banks, other financial institutions.
    ADVANTAGE - Since accessing account is based on identical biometric
sample registered in electronic identicator, use of man made cards is
eliminated and misoperation of each individual's account is prevented.
    DESCRIPTION OF DRAWING(S) - The figure shows the flowchart
depicting generation of account access request message.
    pp; 69 DwgNo 4/16
Title Terms: AUTOMATIC; TELLER; MACHINE; ACCESS; ACCESS; FINANCIAL;
  TRANSACTION; FORWARDING; ACCOUNT; ACCESS; REQUEST; MESSAGE; SAMPLE;
  ACCORD; DETAIL; REGISTER; USER
Derwent Class: S05; T01
International Patent Class (Main): G06F-017/60
File Segment: EPI

 15/5/16   (Item 13 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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012579891   **Image available**
WPI Acc No: 1999-385998/199932
XRPX Acc No: N99-289020
  **Remote financial transaction performing apparatus for e.g. purchasing
  pre- paid telephone cards**
Patent Assignee: GTECH RHODE ISLAND CORP (GTEC-N)
Inventor: MCGRANAHAN R G; SAPP C A
Number of Countries: 082   Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9931600	A1	19990624	WO 98US26725	A	19981216	199932	B
AU 9919995	A	19990705	AU 9919995	A	19981216	199948	

Priority Applications (No Type Date): US 97991816 A 19971216
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9931600	A1	E	80	G06F-015/00	

    Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU
    CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK
    LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ
    TM TR TT UA UG UZ VN YU ZW
    Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
    IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW

AU 9919995	A			G06F-015/00	Based on patent WO 9931600

Abstract (Basic): WO 9931600 A1
    NOVELTY - The apparatus includes a host computer remote from a
slave unit with a data input device and printer. The host and slave may
be connected by way of a dial connection, wireless link or the
internet. A customer enters the desired monetary amount and method of
payment for the transaction and the slaves' processor communicates this
to the host. The host returns data and commands that allow the slave to
print a transaction document. The transaction documents are preprinted
with a logo and are free from recurring form data.
    USE - For processing financial transactions, especially purchasing
and producing money **orders** and prepaid telephone cards, and **paying
bills remote** from banks using e.g. cash, credit card, electronic
benefit transfer (EBT) card, and debit card.
    ADVANTAGE - Increases security of operations so that it is less
easy to fraudulently cash in stolen transaction documents as they do
not carry the unique printed data form the host. More convenient method
of acquiring transaction remote form a bank.
    DESCRIPTION OF DRAWING(S) - The drawing shows the stock sheet
(transaction document) after printing.
    pp; 80 DwgNo 4b/31
Title Terms: REMOTE; FINANCIAL; TRANSACTION; PERFORMANCE; APPARATUS;

PURCHASE; PRE; PAY; TELEPHONE; CARD
Derwent Class: T01; T04; T05; W01
International Patent Class (Main): G06F-015/00
International Patent Class (Additional): G06F-015/30; G06F-017/60;
  G06K-005/00
File Segment: EPI

 15/5/17   (Item 14 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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012541700   **Image available**
WPI Acc No: 1999-347806/199929
XRPX Acc No: N99-260028
Households service establishments bills paying
Patent Assignee: WATSON C M (WATS-I); PAYMENT ENG LLC (PAYM-N)
Inventor: WATSON C M
Number of Countries: 083 Number of Patents: 005
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9927479	A1	19990603	WO 98US24945	A	19981120	199929	B
AU 9915334	A	19990615	AU 9915334	A	19981120	199944	
US 5978780	A	19991102	US 97976204	A	19971121	199953	
EP 995162	A1	20000426	EP 98959559	A	19981120	200025	
			WO 98US24945	A	19981120		
US 20020198835	A1	20021226	US 97976204	A	19971121	200304	
			US 99379294	A	19990823		
			US 2002230010	A	20020828		

Priority Applications (No Type Date): US 97976204 A 19971121; US 99379294 A
  19990823; US 2002230010 A 20020828
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9927479	A1	E	63	G06F-017/60	

    Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU
    CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR
    LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
    TR TT UA UG UZ VN YU ZW
    Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
    IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW

| AU 9915334 | A | | | | Based on patent WO 9927479 |
| EP 995162 | A1 | E | | G06F-017/60 | Based on patent WO 9927479 |

    Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI
    LU MC NL PT SE

US 20020198835	A1			G06F-017/60	Cont of application US 97976204
					Div ex application US 99379294
					Cont of patent US 5978780

Abstract (Basic): WO 9927479 A1
     NOVELTY - The method involves instructing a financial institution
to apply to a household account a consolidated obligation value. All of
the household obligation values that are destined for the same service
establishments are then aggregated and the financial institutions are
instructed to issue these credits to the service establishment.
     USE - Relates to automated bill payment, which is adaptable to
household use.
     ADVANTAGE - Eliminates paper-based bill payment, easily adaptable
to household use on a large scale, low cost to service establishments
while it should not require electronics or automation at the household
point of payment, which may readily accommodate and **directly**
facilitate the eventual transition to full **electronic bill**
presentment and **payment** over **electronic** networks
     DESCRIPTION OF DRAWING(S) - The drawing shows a diagram of a
payment environment in accordance to the present invention.
     pp; 63 DwgNo 1/4

EKD   January 30, 2003

Title Terms: HOUSEHOLD; SERVICE; ESTABLISH; BILL; PAY
Derwent Class: T01; T05
International Patent Class (Main): G06F-017/60
File Segment: EPI

17/5/1   (Item 1 from file: 350)

014365900   **Image available**
WPI Acc No: 2002-186601/200224
  System and method for sending money to another bank account
Patent Assignee: LIM M S (LIMM-I)
Inventor: LIM M S
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
KR 2001094592	A	20011101	KR 200016974	A	20000331	200224	B

Priority Applications (No Type Date): KR 200016974 A 20000331
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
KR 2001094592	A		1	G06F-017/60	

Abstract (Basic): KR 2001094592 A
      NOVELTY - A system and method are provided to send money without
remittance   charge through the **internet** banking when sending the
money to another bank account.
      DETAILED DESCRIPTION - A client system(201) requests to transfer
the money to another bank account. The client system(201) transmits a
bank account and an account of a bank for sending money which a
consumer **inputs** . A server(203) includes a **database** (204) for
managing information of the client system(201) and bank account
information. The database(204) stores sever user account information of
the same bank as the bank in which an account of a consumer is present.
The server(203) provides a circumstance capable of sending money to
another bank via a bank account of a user according to the request from
the client system(201). A network(202) connects the client system(201)
to the server(203).
      pp; 1 DwgNo 1/10
Title Terms: SYSTEM; METHOD; SEND; MONEY; BANK; ACCOUNT
Derwent Class: T01
International Patent Class (Main): G06F-017/60
File Segment: EPI

17/5/2   (Item 2 from file: 350)

014137769   **Image available**
WPI Acc No: 2001-621980/200172
XRPX Acc No: N01-464303
  **Medical statement management device for medical examination and
  remuneration system, classifies all component data   based on user
  input and correlates classified data with classification identifier to
  detect imputation**
Patent Assignee: MITSUBISHI ELECTRIC CORP (MITQ)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2001249974	A	20010914	JP 200061030	A	20000306	200172	B

Priority Applications (No Type Date): JP 200061030 A 20000306
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2001249974	A		9	G06F-017/60	

Abstract (Basic): JP 2001249974 A
      NOVELTY - A component data classifier (4) classifies all the
component data corresponding to medical statements, based on user input

specification. A classification impute judging unit (5) judges the compatibility of each classification with a classification identifier in a database (2).

    USE - For medical examination and remuneration system, to collect **remuneration bills** and classifying them **electronically** .

    ADVANTAGE - The classification and the compatibility with classification identifier, enables classification of the medical bills and detect incorrect medical examination or remuneration easily.

    DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of the medical statement management device. (Drawing includes non-English language text).

    Database (2)

    Component data classifier (4).

    Classification impute judging unit (5)

    pp; 9 DwgNo 1/7

Title Terms: MEDICAL; STATEMENT; MANAGEMENT; DEVICE; MEDICAL; EXAMINATION; SYSTEM; CLASSIFY; COMPONENT; DATA; BASED; USER; INPUT; CORRELATE; CLASSIFY; DATA; CLASSIFY; IDENTIFY; DETECT

Derwent Class: T01

International Patent Class (Main): G06F-017/60

International Patent Class (Additional): G06F-017/00; G06F-017/30; G06F-019/00

File Segment: EPI

  17/5/3   (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013991468   **Image available**

WPI Acc No: 2001-475683/200151

XRPX Acc No: N01-352131

  Electronic payment system for electronic commerce, requests personal identification number of single multifunctional prepaid card for payment on providing various services and goods to user

Patent Assignee: DACOM CYBERPASS INC (DACO-N); DACOM CYBERPASS CO LTD (DACO-N)

Inventor: RYU C W; RYOO C W

Number of Countries: 093 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200141036	A1	20010607	WO 2000KR639	A	20000616	200151	B
KR 2001000053	A	20010105	KR 9953981	A	19991130	200151	
AU 200051146	A	20010612	AU 200051146	A	20000616	200154	
KR 2001078816	A	20010822	KR 2001704203	A	20010402	200213	
CN 1322326	A	20011114	CN 2000801859	A	20000616	200217	
KR 321529	B	20020126	WO 2000KR639	A	20000616	200255	
			KR 2001704203	A	20010402		

Priority Applications (No Type Date): KR 9953981 A 19991130

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200141036	A1	E	29	G06F-019/00	

    Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

    Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2001000053	A		G06F-019/00	
AU 200051146	A		G06F-019/00	Based on patent WO 200141036
KR 2001078816	A		G06F-019/00	
CN 1322326	A		G06F-019/00	
KR 321529	B		G06F-019/00	Previous Publ. patent KR 2001078816
				Based on patent WO 200141036

Abstract (Basic): WO 200141036 A1

NOVELTY - A shopping-service provider requests the personal identification number (PIN) of single multifunctional prepaid card for payment, on providing various services and goods to user of the card. A card management unit settles the required payment, by referring the balance amount information stored in database corresponding to PIN of card, and **updates** the **database** .

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) Multifunctional prepaid card selling method;

(b) Distribution of PIN of multifunctional prepaid card using mobile phone

USE - For **electronic** commerce, for **paying chargeable** sites such as MP3, on-line movie or cartoon, stock sites. Also for payment at cyber shopping malls for purchasing books, CDs, cyber gift coupon mailing, PC communication, telephone voice mail services using multifunctional prepaid card.

ADVANTAGE - Since multifunctional prepaid card is used, multiple services and goods can be purchased using single card, comprehensively.

DESCRIPTION OF DRAWING(S) - The figure shows the flow of operation of electronic payment system.
pp; 29 DwgNo 2/10
Title Terms: ELECTRONIC; PAY; SYSTEM; ELECTRONIC; REQUEST; PERSON; IDENTIFY
 ; NUMBER; SINGLE; MULTIFUNCTION; PREPAYMENT; CARD; PAY; VARIOUS; SERVICE;
 GOODS; USER
Derwent Class: T01; T05; W01
International Patent Class (Main): G06F-019/00
International Patent Class (Additional): G06F-017/00
File Segment: EPI

 17/5/4   (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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011822772   **Image available**
WPI Acc No: 1998-239682/199821
XRPX Acc No: N98-189627
  System for selecting and sending mail pieces via interactive kiosk - has microprocessor system programmed to interact with customer for selecting mail piece of choice, and then displays queries and options for purchaser to add personalised message to post-card
Patent Assignee: DENMAN D E (DENM-I)
Inventor: DENMAN D E
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5737729	A	19980407	US 96657963	A	19960604	199821	B

Priority Applications (No Type Date): US 96657963 A 19960604
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5737729	A		13	G07B-017/00	

Abstract (Basic): US 5737729 A
The customer may also input the address or utilize an address locator feature for retrieving the address from a database located in the kiosk.

The kiosk then prompts the customer for **payment** via an **electronic bill** or credit card accepter.

After the customer has completed using the kiosk, the kiosk communicates with a central processing location.

The central processing location includes a microprocessor based system which electronically downloads the necessary information from the kiosk including the post card orders and customer/sales

information. If the customer enters a physical street or post office
box address, the customer text and address is printed onto the specific
post card selected.

Postage is affixed to the post card and the post card is then sent
to the recipient.

If an electronic mail address is used, a graphics file is created
with the selected mail piece and customer text.

The graphics file is then transmitted to the electronic mail
address.

The system for providing interaction with a customer for selection
of a number of mail pieces and subsequent sending of a selected mail
piece from the number of mail pieces to a selected address, has a kiosk
having a communication device including a selection unit for prompting
the customer to select one of the number of mail pieces and an input
device for receiving customer entered data to be included on the
selected mail piece the input device includes an automatic address
search device for searching a database of addresses to match
parameters **entered** by the customer. A control device is supported in
kiosk for controlling the communication device and for storing customer
entered data.

A finishing device finishes the selected mail piece with the
customer entered data. The customer entered data includes an address.
The finishing device has a post-net bar code search device for finding
a post-net bar code that matches the selected address. A device
prepares the finished selected mail piece for delivery to the selected
address. The communication device includes an audio format.

USE - For providing stationary or note-cards specific to location
of kiosk which is connected to remote location. Sends selected mail
piece with consumer's personalised message.

Dwg.3/6

Title Terms: SYSTEM; SELECT; SEND; MAIL; PIECE; INTERACT; KIOSK;
  MICROPROCESSOR; SYSTEM; PROGRAM; INTERACT; CUSTOMER; SELECT; MAIL; PIECE;
  CHOICE; DISPLAY; QUERY; OPTION; PURCHASE; ADD; PERSON; MESSAGE; POST;
  CARD
Derwent Class: T01; T05
International Patent Class (Main): G07B-017/00
File Segment: EPI

DIALOG(R)File 350:Derwent WPIX
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013957307   **Image available**
WPI Acc No: 2001-441521/200147
Related WPI Acc No: 2000-588739
XRPX Acc No: N01-326630
  **Electronic transaction performing method e.g. for e-commerce using
  wireless telephone using portal interacting with electronic wallet to
  provide shipping detail data and payment data to merchant**
Patent Assignee: CITIBANK NA (CITI-N); BERARDY R (BERA-I); CHAPMAN P
  (CHAP-I); YOUNG A (YOUN-I)
Inventor: BERARDY R; CHAPMAN P; YOUNG A
Number of Countries: 095 Number of Patents: 005
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200141419	A1	20010607	WO 2000US32405	A	20001129	200147	B
EP 1107198	A2	20010613	EP 2000204234	A	20001129	200147	
AU 200120491	A	20010612	AU 200120491	A	20001129	200154	
JP 2001243386	A	20010907	JP 2000403741	A	20001130	200166	
US 20020065774	A1	20020530	US 99168031	A	19991130	200240	
			US 2000205318	A	20000518		
			US 2000728471	A	20001130		

Priority Applications (No Type Date): US 2000205318 P 20000518; US 99168031
  P 19991130; US 2000728471 A 20001130
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200141419	A1	E	43	H04M-011/00	

  Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
  CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP
  KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT
  RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
  Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
  IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

| EP 1107198 | A2 | E | | G07F-007/10 | |

  Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
  LI LT LU LV MC MK NL PT RO SE SI TR

AU 200120491	A			H04M-011/00	Based on patent WO 200141419
JP 2001243386	A		62	G06F-017/60	
US 20020065774	A1			G06F-017/60	Provisional application US 99168031

                                 Provisional application US 2000205318

Abstract (Basic): WO 200141419 A1
     NOVELTY - The method involves offering a product for purchase from
  a merchant (20). Selection data is received identifying the product in
  an electronic portal (15) from an interface-enabled communications
  device (10). Product information data is provided comprising
  information describing at least one aspect of the product to the
  interface-enabled communications device, e.g. a browser enabled
  wireless telephone, via a wireless communications gateway (12).
  Shipping detail data is received comprising instructions related to
  shipping the product to a designated recipient.
     DETAILED DESCRIPTION - Payment option data is received comprising
  information describing a desired payment method for the product. The
  method further involves transmitting payment authorization to a payment
  processor (18) e.g. issuer of the operators credit card. The payment
  authorization comprises purchaser identifying data and merchant
  identifying data. Finally order information is transmitted to the
  merchant. The **order** information comprises **payment** data and shipping
  details.
     INDEPENDENT CLAIMS are included for a system for performing an
  electronic transaction.
     USE - For e-commerce.
     ADVANTAGE - Allows buyer to access **merchant** 's product **data**

base to view product information by **entering** unique merchant and product code using wireless telephone.

DESCRIPTION OF DRAWING(S) - The figure shows the system for carrying out electronic commerce transactions using a mobile phone.

User (5)
Communications gateway (12)
Transaction portal (15)
Electronic wallet server (16)
Electronic wallet application (17)
Payment processor (18)
Merchant website (21)
pp; 43 DwgNo 1/4

Title Terms: ELECTRONIC; TRANSACTION; PERFORMANCE; METHOD; WIRELESS; TELEPHONE; PORTAL; INTERACT; ELECTRONIC; WALLET; SHIPPING; DETAIL; DATA; PAY; DATA; MERCHANT

Derwent Class: T01; T05; W01

International Patent Class (Main): G06F-017/60; G07F-007/10; H04M-011/00

International Patent Class (Additional): G07F-019/00

File Segment: EPI

07400331   **Image available**
WEB DATA OUTPUT MANAGING DEVICE USED FOR PRINTING SERVICE SYSTEM, AND READ
CLIENT

PUB. NO.:   2002-268833 [JP 2002268833 A]
PUBLISHED: September 20, 2002 (20020920)
INVENTOR(s):   IWAISHI AKIRA
APPLICANT(s): FUJITSU LTD
APPL. NO.:   2001-066060 [JP 20011066060]
FILED: March 09, 2001 (20010309)   ,
INTL CLASS: G06F-003/12; B41J-029/38; G06F-017/60

ABSTRACT
PROBLEM TO BE SOLVED: To provide a Web data printing service system by
which a user can designate the output of a plurality of Web pages and
furthermore output the Web pages as a booklet by uniting the Web pages into
one even though the plurality of Web pages are not associated with one
another.

SOLUTION: A Web data output managing device is provided with a receiving
part for receiving **Web** data output **instruction** information including
the addresses of the plurality of **Web** pages about a printing **request**
 for the **Web** pages from the user and printing information deciding the
output form of matter to be printed, a Web data acquiring part for
acquiring the **Web** data of the **Web** pages **instructed** to be outputted by
the user on the basis of the **Web** data output **instruction** information
received by the receiving part, an output Web data preparing part for
extracting **Web** data fitting the user output **instruction** information
from the acquired **Web** data to prepare output Web data, an output
controlling part for making an output device output the output Web data
prepared by the output Web data preparing part, a charge adjusting part for
calculating a charge corresponding to an output form at the output
controlling part and for asking the user to **pay** the **charge** , and is used
in this output service system.

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07391378   **Image available**
METHOD AND SYSTEM FOR PROVIDING SERVICE

PUB. NO.:   2002-259879 [JP 2002259879 A]
PUBLISHED: September 13, 2002 (20020913)
INVENTOR(s):   MIMA SOICHIRO
APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD
APPL. NO.:   2001-060808 [JP 20011060808]
FILED: March 05, 2001 (20010305)   ,
INTL CLASS: G06F-017/60

ABSTRACT
PROBLEM TO BE SOLVED: To provide a **billing** method allowing a user to **pay**
 the **bill** for services with peace of mind without assuming the risk of
leakage of his credit card number, etc.

SOLUTION: A service provider 20 causes an ID number recorded on a valued
medium to be registered into the ID management database of the provider's
computer and sells services to a service user 10 thorough a store 30. The
user's computer 100 reads the ID number from the valued medium purchased

and transmits a service request signal, including the ID number, to the provider's computer 200 through a network 900. The provider's computer 200 collates the ID number included in the received signal against the ID number registered in the database, and if the ID number is verified as the registered one by collation, the service user 10 is authenticated as the true user, with **electronic** information transmitted according to the **request** signal received.

21/5/3   (Item 3 from file: 347)
DIALOG(R)File 347:JAPIO
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07391084   **Image available**
SYSTEM, METHOD, AND PROGRAM FOR IMPLEMENTING ELECTRONIC TRADE USING ASP SERVICE PROVIDING SYSTEM, AND COMPUTER READABLE RECORDING MEDIUM

ABSTRACT
PROBLEM TO BE SOLVED: To provide an electronic commerce system using an ASP(application service provider) service system that enables ASP users to organize a community.

SOLUTION: An electronic commerce system provides ASP services to a user 7a via a network 8. An ASP vendor 1 stores electronic commerce data of advertisements and products provided by an individual shipping client 6a in an electronic trade data DB3 and displays the data among the APS users. A data display system acknowledges a shipping client 6a a request for trading when the other ASP user 7b **requests** the **electronic** trade from the shipping client 6a. The data display system sends a response to the request for trading to the purchasing client 6b when the system receives the response to the request for the trading from the shipping client 6a. The system **bills** a displayed price with additional **compensation** of the ASP service as well as a brokerage fee to the shipping client 6a when the trade is closed between the ASP users.

21/5/4   (Item 4 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

07340594   **Image available**
ELECTRONIC WATERMARK IMBEDDING SERVICE SYSTEM

ABSTRACT

PROBLEM TO BE SOLVED: To provide an electronic watermark imbedding service system by which a data provider providing three-dimensional shape data via a network can readily utilize an electronic watermark technology at a comparatively low cost.

SOLUTION: In the electronic watermark imbedding service system providing a service to imbed electronic watermark information to three-dimensional shape data, an electronic watermark imbedding server 1 is provided with a data reception section 11 that receives an **electronic** watermark imbedding **request** with the three-dimensional shape data via a network, an electronic watermark imbedding section 12 that imbeds the electronic watermark information to the three- dimensional shape data, an electronic watermark storage processing section 13 that writes the electronic watermark information to an electronic watermark database 3 in cross-reference with user information, and a data transmission section 14 that transmits the three-dimensional shape data with the electronic watermark information imbedded to them and also with a **compensation charging** section 4 that applies **charging** processing to the imbedding service.

21/5/5   (Item 5 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

07334702   **Image available**
ELECTRONIC PAYMENT DEVICE, ITS METHOD, AND STORAGE MEDIUM

PUB. NO.:   2002-203191 [JP 2002203191 A]
PUBLISHED: July 19, 2002 (20020719)
INVENTOR(s):   TAKATSU YUICHI
APPLICANT(s): WEB MONEY KK
APPL. NO.:   2000-400344 [JP 2000400344]
FILED: December 28, 2000 (20001228)
INTL CLASS: **G06F-017/60**

ABSTRACT
PROBLEM TO BE SOLVED: To provide an electronic payment device capable of providing an added value to a customer using electronic payment and preventing an improper transaction beyond a balance.

SOLUTION: When a point server 12-j (j represents a natural number) authorizes a log-in ID and a password of a member inputted by an operator through one of terminals 2-k (k represents a natural number), a **Web** server 11-j receives an **order** for a commodity. When the operator of the terminal 2-k places an order for the commodity while designating the number of points used for **payment** of a **charge** , the point server 12-j gives points to the member according to a total purchase amount and allows use of the points within an available point range of the member. The Web server 11-j requires payment using payment points as to a portion using no point, and the payment server 3 processes payment between the terminal 2-k and it. After completion of the payment, the point server 12-j decides fluctuation of the points given to the member.

21/5/6   (Item 6 from file: 347)
DIALOG(R)File 347:JAPIO
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07295091   **Image available**
ELECTRONIC COMMERCE SETTLEMENT METHOD AND ELECTRONIC COMMERCE SETTLEMENT SYSTEM

EKD   January 30, 2003

PUB. NO.:   2002-163569   [JP 2002163569 A]
PUBLISHED: June 07, 2002 (20020607)
INVENTOR(s):   KOIKE HIROYASU
               SAKAI KATSUYUKI
APPLICANT(s): NTT INTERNET INC
APPL. NO.:   2000-358458   [JP 2000358458]
FILED: November 24, 2000 (20001124)
INTL CLASS: **G06F-017/60**

ABSTRACT

PROBLEM TO BE SOLVED: To provide an electronic commerce settlement method and an electronic commerce settlement system which enable suppliers to add terms of payment to each specification.

SOLUTION: A buyer 12 specifies and orders products at an **electronic** procurement market site 14, and the electronic procurement market site 14 generates commerce information regarding the ordered products and transmits the information to a receipt and settlement site 18. The receipt and settlement site 18 generates a bill and specification information from the commerce information and transmits the bill and specification information to a supplier 16, and the supplier 16 specifies the terms payment based on each specification of the bill and specification information and transmits it to the receipt and settlement site 18. The receipt and settlement site 18 generates the bill and specification information to which the terms of payment are added and transmits it to the buyer 12, the buyer 12 transmits payment information reflecting one's will to **pay** the **bill** to the receipt and settlement site 18 and transfers money to a surrogate collection account 24. The receipt and settlement site 18 verifies the amount of transfer and the payment information, has the buyer to transfer the money, and transmits information on completion of account settlement.

 21/5/7   (**Item 7 from** file: 347)

07294990   **Image available**
ELECTRONIC RENTAL BOOK STORE

PUB. NO.:   2002-163465   [JP 2002163465 A]
PUBLISHED: June 07, 2002 (20020607)
INVENTOR(s):   TAKAI KUMIKO
APPLICANT(s): TAKAI KUMIKO
APPL. NO.:   2000-360761   [JP 2000360761]
FILED: November 28, 2000 (20001128)
INTL CLASS: **G06F-017/60**

ABSTRACT

PROBLEM TO BE SOLVED: To realize a rental book store which sends articles on a rental magazine desired by a customer through the use of an electronic mail by using an online system, portable information-processing equipment, etc., which arranges a book desired to buy though the book is rented, which returns a rental **charge** for it and which realizes **payment** for the book by electronic settlement or a credit card.

SOLUTION: Through a server, the rental book store is provided with information by a floppy (registered trademark) disk, etc., selects the contents, etc., of magazines, etc., from a computer for an **online** information providing system, receives rental **order** data from the customer and transfers it to a client computer by a data transferring means. A financial institution online system is provided to receive the price for the order from the customer. All of these are performed by using the newest information.

21/5/8   (Item 8 from file: 347)
DIALOG(R)File 347:JAPIO
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07240773   **Image available**
METHOD AND SYSTEM FOR FACTORING ACCOUNT RECEIVABLE

PUB. NO.:   2002-109224 [JP 2002109224 A]
PUBLISHED: April 12, 2002 (20020412)
INVENTOR(s): SATA HITOSHI
APPLICANT(s): SMBC FINANCE CO LTD
APPL. NO.:   2000-302711 [JP 2000302711]
FILED: October 02, 2000 (20001002)'
INTL CLASS: G06F-017/60

ABSTRACT
PROBLEM TO BE SOLVED: To provide an accounts receivable factoring method
and its system, by which a factor company rapidly buys accounts receivable
generated in an inter-company electronic commerce market while relieving
business burden, the transferor of the accounts receivable timely makes the
accounts receivable into a fund and the debtor of the accounts receivable
utilizes **bills** payable for the **payment** of the accounts receivable.

SOLUTION: The purchaser of a business negotiation object merchandise in an
electronic commerce market is registered and a transaction limit amount is
set (S1). An EC(**Electronic** Commerce) market operator **requests** the
purchase of the accounts receivable owned by the operator himself or
herself to the factor company by a negotiation established in the
electronic commerce market via a network 600 (S2). The factor company
receiving the purchase request performs the purchase when the money amount
of the account receivable to be the object of the purchase request is
within the range of the transaction limit amount (S3), performs collection
till a due date (S3) and also performs adjustment concerning the EC market
operator (S4).

21/5/9   (Item 9 from file: 347)
DIALOG(R)File 347:JAPIO
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07224093   **Image available**
ALL-NET CARD AND ITS BUSINESS MODEL

PUB. NO.:   2002-092533 [JP 2002092533 A]
PUBLISHED: March 29, 2002 (20020329)
INVENTOR(s): TSUTSUI OSAMI
APPLICANT(s): TSUTSUI OSAMI
APPL. NO.:   2000-321965 [JP 2000321965]
FILED: September 14, 2000 (20000914)
INTL CLASS: G06F-017/60 ; G06K-019/00; G06K-019/07; G07F-007/08

ABSTRACT
PROBLEM TO BE SOLVED: To allow a person to perform the **payment** of tax or
public utility **charges** at any time from any place even on Saturday or
Sunday or even in the middle of the night or at an early hour similarly to
the payment of a shopping and the payment of an economic action or
commercial action performed without going out of its own house.

SOLUTION: The function of putting in and out **digital** cache or the
condition for **directly** connecting to a bank and other portal sites or

homepages are written in the magnetic memory card or memory chip of one card by a means readable by computer (this card is called all-net card). An individual authentication is performed by use of a device by specifying an individual by fingerprint, face picture or the like to perform the deposition or withdrawing of digital cache in and from the all-net card and the payment or receipt by digital cache between all-net cards. Accordingly, payments of various economic actions can be performed without going out of the own house.

21/5/10   (Item 10 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

07195132   **Image available**
METHOD AND SYSTEM FOR SETTLEMENT USING INTERNET AND TELEPHONE

PUB. NO.:   2002-063537 [JP 2002063537 A]
PUBLISHED: February 28, 2002 (20020228)
INVENTOR(s):   URANO SHIGENOBU
APPLICANT(s): ALCHEMIST KK
APPL. NO.:   2000-252616 [JP 2000252616]
FILED: August 23, 2000 (20000823)
INTL CLASS: **G06F-017/60**

ABSTRACT
PROBLEM TO BE SOLVED: To obtain a settlement system which can carry out personal identification and settlement for mail **order**, etc., using the **Internet**, safely and easily by using telephone.

SOLUTION: The figure shows a schematic showing the constitution of this settlement system 10 using the Internet and telephone. In the figure, this system is constituted including a shopping site 30, such as an electronic mall, that a user 20 accesses by using the **Internet** and a mail **order** company, etc., operates, a settlement site 40 that a settlement service company performing settlement for articles operates, and a telephone company 50 which confirms and authenticates the user 20. The user can easily be identified with the telephone number and credit corresponding to the user individual can be given according to the kind of a telephone set such as fixed telephone and portable telephone. Further, since the price of a commodity is **paid** together with the telephone **charge** of the telephone set, the settlement can be made surely.

21/5/11   (Item 11 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

07164288   **Image available**
JOINT PURCHASING SYSTEM ON INTERNET

PUB. NO.:   2002-032672 [JP 2002032672 A]
PUBLISHED: January 31, 2002 (20020131)
INVENTOR(s):   NISHIHIRA TAKASHI
APPLICANT(s): NSP CORP
APPL. NO.:   2000-247081 [JP 2000247081]
FILED: July 13, 2000 (20000713)
INTL CLASS: **G06F-017/60**

ABSTRACT
PROBLEM TO BE SOLVED: To improve the reliability of the settling method of electronic transaction utilizing the Internet and to secure and improve the

profit of purchasers as a group.

SOLUTION: A member 21 transfer prescribed money amounts to a financial facility 23 on a prescribed day, and this facility 23 informs a fund managing system 20 of the transferring information. The system 20 selects an order based on this transferring information to decide prescribed number of members, separates several percent of the transferred amount temporarily and distributes it to the prescribed number of members as a bonus. The members 21 **order** required merchandise to a **virtual** shop 6, and the system 20 sends an order to a merchandise provider 22, which sends these merchandise to the ordering members 21, receives receipts and reports these receipts to the system 20. The system 20 pays a price for the merchandise to the merchandise provider based on these receipts, receives several percent of the price of the merchandise as a display **charge** from the provider 22 and **compensate** it for the several percent separated temporarily.

 21/5/12   **(Item 12 from file: 347)**
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

07164201   **Image available**
PROCEDURE METHOD FOR BANK TRANSFER AND RECORDING MEDIUM

PUB. NO.:   2002-032585 [JP 2002032585 A]
PUBLISHED: January 31, 2002 (20020131)
INVENTOR(s):   FUJII RYOICHI
APPLICANT(s): NEC CORP
APPL. NO.:   2000-219351 [JP 2000219351]
FILED: July 19, 2000 (20000719)
INTL CLASS: **G06F-017/60** ; G07D-009/00; G07F-019/00

ABSTRACT
PROBLEM TO BE SOLVED: To save the trouble from the generation of a bill to the transfer of requested data.

SOLUTION: A selling company 20 transfers bill data by a communication terminal 21 of the selling company 20 through a Web server 41 on the **Internet** 40 in response to an **order** from a buyer 10, and the buyer 10 receives the bill data by a communication terminal 12 of the buyer 10 through the Web server 41 on the Internet 40, authenticates the **bill** data and transfers **payment** details to the selling company 20, and transfers transfer data to the host computer 31 of a bank by using bank software assisting the transfer of the bank 30. Then the host computer 31 of the bank 30 confirms the transfer data and pays money corresponding to the transfer data to the selling company 20 when there is not error.

 21/5/13   **(Item 13 from file: 347)**
DIALOG(R)File 347:JAPIO
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07156269   **Image available**
SELLING METHOD IN SPECIFIC RANGE AND RANGE LIMITED SELLING SYSTEM

PUB. NO.:   2002-024652 [JP 2002024652 A]
PUBLISHED: January 25, 2002 (20020125)
INVENTOR(s):   ARAI SHIGEHIRO
APPLICANT(s): CASIO COMPUT CO LTD
APPL. NO.:   2000-207343 [JP 2000207343]
FILED: July 07, 2000 (20000707)

INTL CLASS: G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To provide a range limited selling system and a selling method in a specific range using the Internet more advantageous for enterprise, worker, and trader than a conventional selling method in a working place.

SOLUTION: (1) A server 1 transmits a shopping guide mail to the workers in multiple address of a member enterprise 2. (2) The worker in multiple desiring purchasing inputs an ID(identification) of the enterprise 2, a password, a name, and the like from a terminal, and specifies a commodity to be purchased, packaging and delivering methods, and the like. The server 1 performs certification based on the ID and the like received through the Internet. (4) Next, the server 1 transmits an order thank mail to the worker, and confirms his/her own order. (5) -1, 2: The server 1 transmits order receiving data to a terminal of a seller 3 in the office through the **Internet** , and transmits the **order** receiving data to a department in charge in the member enterprise through the Internet. In (6) to (14), selling in the working place is performed by a selling cycle of commodity purchasing, delivery-payment request, and **payment** collection by **pay charging** .

21/5/14   **(Item 14 from file: 347)**
DIALOG(R)File 347:JAPIO
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07146767   **Image available**
SYSTEM AND METHOD FOR SELLING SOFTWARE

PUB. NO.:   2002-015146 [JP 2002015146 A]
PUBLISHED: January 18, 2002 (20020118)
INVENTOR(s): SAITO YOSHIHIKO
APPLICANT(s): NEC CORP
APPL. NO.:   2000-200114 [JP 2000200114]
FILED: June 28, 2000 (20000628)
INTL CLASS: G06F-017/60 ; G06F-001/00; G06F-015/00 ; G07F-017/00; H04N-007/16

ABSTRACT

PROBLEM TO BE SOLVED: To provide a software selling system which prevents illegal transactions in software reusing and eliminates user troubles when software is sold.

SOLUTION: In this software selling system, a plurality of user terminals 1 and 2 are connected with a software providing company terminal 3 through the Internet 100. The user who purchases enciphered software and a cryptograph release key (electronic ticket) for the software from the software providing company transmits the discard **request** of an **electronic** ticket use right to the company terminal 3 from the user terminal 1, and when the electronic ticket is purchased, its purchase **charge** is **paid** to the user terminal 1. When the user gives the software to the other user terminal 2, the user terminal 2 transmits an issue **request** of the software **electronic** ticket to the company terminal 3, and the issuing processing of an electronic ticket is performed. The company terminal 3 charges the user terminal 2 for issuing charge of the electronic ticket.

21/5/15   **(Item 15 from file: 347)**
DIALOG(R)File 347:JAPIO

07079184   **Image available**
BANKING SYSTEM FOR DIGITAL DATA

PUB. NO.:   2001-306831 [JP 2001306831 A]
PUBLISHED: November 02, 2001 (20011102)
INVENTOR(s):   MORI MASAHITO
APPLICANT(s):   SONY CORP
APPL. NO.:   2000-119901 [JP 2000119901]
FILED: April 20, 2000 (20000420)
INTL CLASS: **G06F-017/60** ; H04N-005/76; H04N-005/765; H04N-005/781;
                H04N-007/16

ABSTRACT
PROBLEM TO BE SOLVED: To temporarily preserve various digital data contents
of a customer to accurately charge for these contents in accordance with
the actual preservation size and the preservation time.

SOLUTION: A service provider side 2 takes in digital data contents, which a
customer side 1 possesses, through a network 6 in response to a request
from the customer side. Taken-in digital contents ate temporarily preserved
by a large-scale storage 21. When the customer **requests digital** data
contents thereafter, temporarily preserved digital data contents are
delivered to the customer through the network 6. The **charge** for
preservation is **charged** in **consideration** of the total information
volume of digital data contents stored in the large-scale storage 21 and
the time for which digital data contents have been stored.

 21/5/16   (Item 16 from file: 347)
DIALOG(R)File 347:JAPIO

07079106   **Image available**
METHOD AND SYSTEM FOR QUESTIONNAIRE SURROGATING JOB USING NETWORK

PUB. NO.:   2001-306752 [JP 2001306752 A]
PUBLISHED: November 02, 2001 (20011102)
INVENTOR(s):   YAGIHASHI TOSHIO
                SATO SHUNICHI
APPLICANT(s):   NEC CORP
APPL. NO.:   2000-123233 [JP 2000123233]
FILED: April 24, 2000 (20000424)
INTL CLASS: **G06F-017/60**

ABSTRACT
PROBLEM TO BE SOLVED: To provide a questionnaire surrogating job system,
which unnecessitates much time and labor for conducting and totaling
questionnaires.

SOLUTION: When there is a questionnaire job demand (1) from a questionnaire
consignor terminal (1-1), a questionnaire agent server (1-2) autonomously
determines a relevant target person and his/her mail address on a
questionnaire target/display graph selection picture (1-2-1) on a **WWW** and
issues a questionnaire **demand** (2) to the questionnaire target person.
When there is an answer (3) of the questionnaire from a questionnaire
target terminal (1-3), that questionnaire result is displayed on the
questionnaire consignor terminal (1-1) in real time. When the questionnaire
result is displayed, questionnaire surrogating **charges** (4) is **paid** from
a questionnaire consignor account (1-5-1) to a questionnaire agent account
(1-5-2) by a settlement terminal (1-5).

07069733   **Image available**
ELECTRONIC ORDER SYSTEM, ELECTRONIC SETTLEMENT METHOD, DATA PROCESSOR AND
RECORDING MEDIUM

ABSTRACT
PROBLEM TO BE SOLVED: To provide an ·electronic   order· system, with which
a customer can more comfortably utilize a store.

SOLUTION: When the customer inserts an IC card 110 issued by an Internet
service provider(ISP) into an electronic menu device 206, that electronic
menu device 206 displays a menu, transmits an order, which is inputted by
touching a touch panel provided on a screen by the customer, to a store
server 201 and demands settlement. The store server 201 requests the
payment of the price of the dish designated by the order to the ISP. The
ISP, to which the payment of the price is requested, pays that price to the
store by means of a prescribed method and **charges** the price, which is
paid to that store, to a member, who visits that store and performs
order.

06331164   **Image available**
ITEMIZED CHARGE DATA DELIVERY PROCESSING SYSTEM

ABSTRACT
PROBLEM TO BE SOLVED: To save official work by simplifying procedures of
transfer processing and **payment** acknowledgment of public utilities
charges and also eliminating unnecessary operation of funds even in a
user enterprise having many base offices.·
SOLUTION: A transfer processing and editing means 3 and a demand and
itemized detail editing means 4 which convert and edit itemized charge data
of receiving agents and **electronic** demand and itemized detail data of a
user enterprise to edit account transfer data of banking agents, a transfer
processing means 5 which totalizes account transfer data with respect to

each of preliminarily determined days of payment and delivers this data to
the user enterprise in accordance with days of payment to perform the
account transfer processing, and a demand detail delivery means 6 which
delivers **electronic demand** and itemized detail data to the user
enterprise in accordance with preliminarily determined days of payment are
provided. The recording medium where charge detailed data including banking
agents and accounts related to charged demanded by receiving agents and
information of detailed items of demands is recorded is inputted to deliver
account transfer data, **electronic demand** and itemized detail data.

 21/5/19   (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014705018   **Image available**
WPI Acc No: 2002-525722/200256
  **Payment service system and method of wireless electronic commercial
  transaction**
Patent Assignee: IBDIC.COM (IBDI-N)
Inventor: KIM Y S
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
KR 2002010160	A	20020204	KR 200043237	A	20000727	200256	B

Priority Applications (No Type Date): KR 200043237 A 20000727
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
KR 2002010160	A		1	G06F-017/60	

Abstract (Basic): KR 2002010160 A
     NOVELTY - A payment service system and method of a wireless
  electronic commercial transaction is provided to supply an electronic
  wallet service, a certification, a small amount paying service, and an
  electronic coupon service using a mobile phone.
     DETAILED DESCRIPTION - A mobile phone(100) as a car navigator, a
  mobile phone, or a PDA is provided. A shopping mall server(105)
  performs an Internet business as a shopping mall. An Internet shopping
  mall businessman manages the shopping mall server(105). A WAP(Wireless
  Application Protocol) server(110) supplies a wireless **Internet**
  service to a user who **requests** a shopping mall service using the
  mobile phone(100). An IBP(Internet **Billing** and **Payment**) server(115)
  supplies information with respect to a procedure necessary for
  calculating a communication institution rental fee with respect to each
  user joined in a public switching communication network to each user. A
  client database server(120) stores client information etc. according to
  clients.
     pp; 1 DwgNo 1/10
Title Terms: PAY; SERVICE; SYSTEM; METHOD; WIRELESS; ELECTRONIC; COMMERCIAL
; TRANSACTION
Derwent Class: T01
International Patent Class (Main): G06F-017/60
File Segment: EPI

 21/5/20   (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014695221   **Image available**
WPI Acc No: 2002-515925/200255
  **Call service payment system uses multifunctional prepaid cards and on/off
  line call service payment method**

Patent Assignee: DACOM CYBERPASS CO LTD (DACO-N)
Inventor: KIM J J
Number of Countries: 001   Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
KR 2002005184	A	20020117	KR 200034235	A	20000621	200255	B

Priority Applications (No Type Date): KR 200034235 A 20000621
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
KR 2002005184	A		1	G06F-017/60	

Abstract (Basic): KR 2002005184 A
      NOVELTY - A call service payment system using multifunctional
   prepaid cards and an on/off line call service payment method are
   provided to implement a local/remote/mobile/international prepaid card
   function using a cash as well as one card number in the case that an
   online or offline call service is used based on a call center and to be
   used as an integral paying unit.
      DETAILED DESCRIPTION - A user (202) buys a multiple function
   prepaid card in a card selling agent (208) or a cyber card site (206)..
   The card selling agent (208) provides a multiple prepaid card. The
   cyber card site (206) provides a cyber multiple function prepaid card.
   The user (202) may **pay** various **charges** . When the user (202) is
   connected with an Internet charged site or shopping mall (204), a card
   number (PIN) is inputted. The connected **Internet** shopping mall (204)
   requests a card number verification to an exact calculation server
   (150) through a paying gateway (160). The exact calculation server
   (150) communicates an information with the prepaid telephone card
   system (140) and transfers a result of the card number verification to
   the Internet shopping mall (204) through the paying gateway (160). When
   the user (202) uses a certain service, the charged money exact
   calculation is requested to the exact calculation server (150) through
   the paying gateway (160).
      pp; 1 DwgNo 1/10
Title Terms: CALL; SERVICE; PAY; SYSTEM; MULTIFUNCTION; PREPAYMENT; CARD;
   LINE; CALL; SERVICE; PAY; METHOD
Derwent Class: T01; T05
International Patent Class (Main): **G06F-017/60**
File Segment: EPI

 21/5/21   (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014541921   **Image available**
WPI Acc No: 2002-362624/200239
Related WPI Acc No: 1999-632579; 2001-343062
XRPX Acc No: N02-283380
   **Remote ordering apparatus for e.g. drive-in restaurants, has wireless
   ordering station with processor for decoding information received from
   cellular telephone**
Patent Assignee: PENTEL R M (PENT-I)
Inventor: PENTEL R M
Number of Countries: 096   Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200229708	A1	20020411	WO 2001US31238	A	20011005	200239	B
AU 200194992	A	20020415	AU 200194992	A	20011005	200254	
US 6435406	B1	20020820	US 9862093	A	19980417	200257	
			US 99384961	A	19990827		
			US 2000684185	A	20001006		

Priority Applications (No Type Date): US 2000684185 A 20001006; US 9862093
   A 19980417; US 99384961 A 19990827

                              EKD   January 30, 2003

Patent Details:
Patent No   Kind Lan Pg   Main IPC   Filing Notes
WO 200229708 A1 E 31 G06K-007/10
    Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
    CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN
    IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ
    PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
    Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
    IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW
AU 200194992 A   G06K-007/10   Based on patent WO 200229708
US 6435406   B1   G06K-005/00   CIP of application US 9862093
                                       CIP of application US 99384961
                                       CIP of patent US 5969968

Abstract (Basic): WO 200229708 A1
        NOVELTY - A wireless ordering station has a receiver which receives
information from a transmitter (224) of a cellular telephone (250). A
processor of the ordering station decodes the received information. A
memory stores item numbers, descriptions and prices which are received
from a point-of-sale system through a communication link.
        USE - For use in drive-in restaurant, auto repair facility, retail
store, grocery store, airport, or other service facility.
        ADVANTAGE - The customer can order items from the menu without
necessity to speak to attendants, this results in more accurate orders.
The server directly sends the orders to kitchen, therefore more time
can be spent on serving patrons and handling more tables. Thus, labor
expenses can be saved. The orders are delivered faster by sending
notification to the server immediately after the item is prepared. The
customers can **pay** the **bill** when the food is ordered, therefore the
need for the customer to wait for the bill is avoided. As no
handwriting is involved in the order, it is very easy for the kitchen
staff to read the order. The server's orders and tips could be
constantly recorded automatically, even if charged at the table. If the
customer wishes to pay cash or does not want to use credit card, the
order will be identified **electronically** at the check out register,
and the credit card slip and bill could already be completed saving
time at the register. The tables that have prepaid could be identified
at the check out register.
        DESCRIPTION OF DRAWING(S) - The figure shows the input device such
as cellular telephone for a remote ordering apparatus.
        Transmitter (224)
        Cellular telephone (250)
        pp; 31 DwgNo 14/16
Title Terms: REMOTE; ORDER; APPARATUS; DRIVE; RESTAURANT; WIRELESS; ORDER;
   STATION; PROCESSOR; DECODE; INFORMATION; RECEIVE; CELLULAR; TELEPHONE
Derwent Class: T01; T04; T05; W01; W02
International Patent Class (Main): G06K-005/00; G06K-007/10
File Segment: EPI

 21/5/22   (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

014469591   **Image available**
WPI Acc No: 2002-290294/200233
  **Manufacturing and intermediary system of certified reference material
  through internet**
Patent Assignee: SK CORP (SKSK-N)
Inventor: KO J S; LEE B H; NOH M H
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No , Kind   Date·   Week
KR 2001104106 A   20011124 KR 200025520   A   20000512 200233 B

Priority Applications (No Type Date): KR 200025520 A 20000512

Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
KR 2001104106 A   1 G06F-017/60

Abstract (Basic): KR 2001104106 A
        NOVELTY - A manufacturing and intermediary system of certified
reference material through the internet is provided to enable a client
to search information with respect to a CRM(Certified Reference
Material) provided from a web site master and to search a description
with respect to a CRM item capable of being supplied and related
information as a MSDS(material safety data sheet) and to receive a
supply or not, a price and the period for payment with respect to the
corresponding CRM item in real time.
        DETAILED DESCRIPTION - An internet network(30) which is a network
is provided for transmitting/receiving data through a communication in
a remote place. A client(20) requests a search and a manufacture of
information with respect to a CRM through the internet network(30). A
web site master(10) receives information with respect to the user's
request of a CRM manufacture at the internet network(30) through a
communication, and provides a CRM manufacturing product in accordance
with the optimum manufacturing service provider and condition. A CRM
manufacturing service provider(40) is provided for manufacturing and
supplying the CRM by requesting of the web site master(10). An
analyzing device provider(70) supplies information with respect to CRM
analyzing device through the web site. A paying service(50) is provided
for inquiring a credit of the client(20) in accordance with a
manufacturing service of the CRM requested by the client(20) and
charging a payment of all costs. A delivery service provider(60) is
provided for transmitting a CRM manufactured by the CRM manufacturing
service provider(40) to the client(20).
        pp; 1 DwgNo 1/10
Title Terms: MANUFACTURE; INTERMEDIARY; SYSTEM; CERTIFY; REFERENCE;
  MATERIAL; THROUGH
Derwent Class: T01
International Patent Class (Main): G06F-017/60
File Segment: EPI

 21/5/23   (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014448519
WPI Acc No: 2002-269222/200231
XRPX Acc No: N02-209485
  Computer implemented method of payment and billing by storing transaction
  information for a customer and presenting that information to the
  customer who selects one or more financial accounts from which to make
  payment
Patent Assignee: KERN D A (KERN-I)
Inventor: KERN D A
Number of Countries: 097 Number of Patents: 002
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
WO 200214985   A2   20020221   WO 2001US25888 A   20010817 200231 B
AU 200183447   A   20020225   AU 200183447   A   20010817 200245

Priority Applications (No Type Date): US 2000641073 A 20000817
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
WO 200214985 A2 E 50 G06F-000/00
  Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
  CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN
  IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ
  PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
  Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR

Abstract (Basic): WO 200214985 A2
      NOVELTY - Financial account information is received from a number
of institutions and stored in a central location for each customer. The
financial account for a customer is presented to that customer who may
select one or more accounts from which make payment. Information on the
selected accounts is then sent to a merchant, biller or payment
processor.
      DETAILED DESCRIPTION - The financial accounts may be credit card,
charge card, debit card, smart card, bank card, **demand** deposit
account, **virtual** payment account or any other suitable financial
account. The customer may also be allowed to select which of a number
of **bills** is/are to be **paid** .
      INDEPENDENT CLAIMS are included for
      (a) a method for facilitating direct payment of bills
      (b) apparatus for facilitating payment from a customer's financial
accounts
      (c) and apparatus for facilitating payment of bills from a
customer's financial accounts
      USE - Computerized payment systems.
      ADVANTAGE - Allows customers to make payments without presenting a
card and to optimize customer security and privacy.
      pp; 50 DwgNo 0/12
Title Terms: COMPUTER; IMPLEMENT; METHOD; PAY; BILL; STORAGE; TRANSACTION;
  INFORMATION; CUSTOMER; PRESENT; INFORMATION; CUSTOMER; SELECT; ONE; MORE;
  FINANCIAL; ACCOUNT; PAY
Derwent Class: T01; T05
International Patent Class (Main): G06F-000/00
File Segment: EPI

 21/5/24   (Item 6 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014444562   **Image available**
WPI Acc No: 2002-265265/200231
 Method for paying price for product using communication network
Patent Assignee: SHIN H D (SHIN-I)
Inventor: SHIN H D
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
KR 2001102776	A	20011116	KR 200024427	A	20000508	200231	B

Priority Applications (No Type Date): KR 200024427 A 20000508
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
KR 2001102776	A		1	G06F-017/60	

Abstract (Basic): KR 2001102776 A
      NOVELTY - A method for paying a price for a product using a
communication network is provided to perform an electronic commerce by
preventing personal information from being leaked, and by enabling the
user without a credit card to purchase various products.
      DETAILED DESCRIPTION - An internet user connects to a shopping mall
server and registers an ID, a password and so on(S01). The user selects
and orders a necessary product(S02). The shopping mall server stores
contents of the order and notifies the user of the **order** on the
internet (S10). The shopping mall server stands by. Simultaneously, the
server makes a request for authenticating the user transmitted to a
management company server(S11). The internet user provides information
among all information for payments and authenticates the payment(S12).
The management company server judges the user's credit on the basis of

the information provided from the user. In addition, the management
company server authenticates the order to the shopping mall
server(S13). The company server is connected to all sorts of **payment**
systems(S14). A **bill** for an amount of money provided to the company
server is transmitted to the user(S15). The user pays the price for the
bill to a communication company or a financial company(S16). In case
that the authentication is completed through the company server, the
shopping mall server delivers the contents of the order to the
user(S17). The company server receives the price from the communication
or the financial company according as the user authenticates
information on the order(S18).
        pp; 1 DwgNo 1/10
Title Terms: METHOD; PAY; PRICE; PRODUCT; COMMUNICATE; NETWORK
Derwent Class: T01
International Patent Class (Main): **G06F-017/60**
File Segment: EPI

 21/5/25   (Item 7 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014431473   **Image available**
WPI Acc No: 2002-252176/200230
  Method for servicing direct cash in electronic commerce
Patent Assignee: COMSAVE INT CO LTD (COMS-N)
Inventor: LEE W Y
Number of Countries: 001   Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
KR 2001100435	A	20011114	KR 200023489	A	20000502	200230	B

Priority Applications (No Type Date): KR 200023489 A 20000502
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
KR 2001100435	A		1	G06F-017/60	

Abstract (Basic): KR 2001100435 A
        NOVELTY - A method for servicing a direct cash in an electronic
commerce is provided to purchase a commodity at low cost by providing a
direct cash service.
        DETAILED DESCRIPTION - A system for implementing a **direct** cash
service method in an electronic commerce includes a shopping mall
system(20) providing an Internet shopping mall and performing a process
related to the **electronic** commerce, a consumer(21) **ordering a**
commodity through the shopping mall system(20) and purchasing it, a
commodity supplying enterprise(22) supplying the commodity, an
advertising agency(23) paying a predetermined advertisement rate and
inserting an advertisement, and a delivery enterprise(24) delivering
the commodity purchased by the consumer(21). The shopping mall
system(20) directly distributes a profit result from reducing a cost by
applying a mass purchase to the commodity supplying enterprise(22) and
gaining an advertisement profit by inserting the advertisement of the
advertising agency(23) **paying** the predetermined **charge** , to the
consumer(21) buying the commodity for a cash or a specific commodity.
        pp; 1 DwgNo 1/10
Title Terms: METHOD; SERVICE; DIRECT; CASH; ELECTRONIC
Derwent Class: T01
International Patent Class (Main): **G06F-017/60**
File Segment: EPI

 21/5/26   (Item 8 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014325595   **Image available**
WPI Acc No: 2002-146297/200219
   System and method for managing electronic receipt in electronic commerce
Patent Assignee: RHEE S (RHEE-I); RHEE S W (RHEE-I)
Inventor: RHEE S W; RHEE S
Number of Countries: 094   Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
KR 2001085205	A	20010907	KR 200050057	A	20000828	200219	B
WO 200219201	A1	20020307	WO 2001KR439	A	20010320	200223	
AU 200144762	A	20020313	AU 200144762	A	20010320	200249	

Priority Applications (No Type Date): KR 200010084 A 20000229
Patent Details:

Patent No	Kind Lan Pg	Main IPC	Filing Notes
KR 2001085205	A 1	G06F-017/60	
WO 200219201	A1 E	G06F-017/60	

   Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
   CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP
   KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO
   RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
   Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
   IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW
AU 200144762   A   G06F-017/60   Based on patent WO 200219201

Abstract (Basic): KR 2001085205 A
      NOVELTY - An electronic receipt management system and method is
   provided to enable a sale server to issue an electronic receipt
   including payment specifications by the real time and to enable a
   purchaser to manage the payment specifications over the Internet.
      DETAILED DESCRIPTION - The system comprises a purchase client(10),
   a sale server(20), a bank(30), a certification authority(40), and a
   delivery company(50). The sale server(20) operates an Internet shopping
   mall, the bank(30) approves a credit of the purchaser, and the
   certification authority(40) issues a certificate for certificating the
   shopping mall. The sale server(20) includes a shopping mall operation
   module, a member manager, an electronic payment module, an electronic
   receipt generator, an electronic tax bill generator, and an account
   manager. The shopping mall operation module manages commodity
   information database, and transmits ordered commodity information to
   the delivery company(50). The **electronic** payment module **requests** an
   approval of payment data of the purchase client to the bank(30), and
   receives an approval number from the bank(30). The electronic receipt
   generator generates the electronic receipt including payment
   specifications, and stores the receipt at a receipt management
   database. The electronic tax bill generator generates a tax **bill**
   based on the **payment** specifications' of the electronic receipt. The
   account manager matches the payment specifications to account elements
   one by one, and stores the matched result at an account management
   database.
      pp; 1 DwgNo 1/10
Title Terms: SYSTEM; METHOD; MANAGE; ELECTRONIC; RECEIPT; ELECTRONIC
Derwent Class: T01
International Patent Class (Main): **G06F-017/60**
File Segment: EPI

 21/5/27   (Item 9 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014233401   **Image available**
WPI Acc No: 2002-054099/200207
   **System and method for integrated advertisement management through
   internet**
Patent Assignee: CHOI H M (CHOI-I); CHOI S E (CHOI-I); PARK S Y (PARK-I)

Inventor: CHOI H M; CHOI S E; PARK S Y
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
KR 2001069782 A   20010725 KR 200125733   A   20010511 200207 B

Priority Applications (No Type Date): KR 200125733 A 20010511
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
KR 2001069782 A   1 G06F-017/60

Abstract (Basic): KR 2001069782 A
       NOVELTY - A system and a method for an integrated advertisement
    management through the Internet is provided to prepare the
    corresponding advertisement in accordance with an advertisement request
    and to provide the advertisement to an advertiser and to perform an
    advertising service through an advertisement device as an Internet
    advertisement and a vending machine.
       DETAILED DESCRIPTION - An advertiser system(200) connects to the
    Internet and **requests** an advertisement by selecting advertisement
    contents position and an advertisement position and performs an
    advertisement using received advertising unit. An advertisement
    managing system(500) receives a request for an advertisement through
    the advertiser system(200) and requests a preparation of the
    advertisement and requests a consideration of the prepared
    advertisement and provides an advertising unit and performs an
    advertisement on the Internet. A user terminal(100) connects to the
    advertisement managing system(500) and the advertiser system(200) and
    watches the advertisement and receives the corresponding benefit. An
    advertisement manufacturing system(700) transmits the prepared
    advertising unit to the advertisement managing system(500). An
    advertisement consideration system(400) transmits the considered result
    to the advertisement managing system(500). An advertisement device(300)
    performs an advertisement using the advertising unit. A **charge
    paying** system(800) confirms the balance of the corresponding account
    and processes a payment and transmits the result to the advertisement
    managing system(500).
       pp; 1 DwgNo 1/10
Title Terms: SYSTEM; METHOD; INTEGRATE; ADVERTISE; MANAGEMENT; THROUGH
Derwent Class: T01
International Patent Class (Main): **G06F-017/60**
File Segment: EPI

 21/5/28   (Item 10 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014225420   **Image available**
WPI Acc No: 2002-046118/200206
XRPX Acc No: N02-034632
   Electronic order **system for restaurant, shops, has shop server which
  settles orderer account by producing** payment bill **to orderer**
Patent Assignee: FUJITSU KIDEN LTD (FUTN)
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
JP 2001297378 A   20011026 JP 2000114689 A   20000417 200206 B

Priority Applications (No Type Date): JP 2000114689 A 20000417
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
JP 2001297378 A   9 G07G-001/12

Abstract (Basic): JP 2001297378 A
       NOVELTY - A visitor inserts an integrated circuit card (110) in an

electronic device (206) which displays the list of goods. The visitor
then places an order by input through a touch panel, which is
transmitted to a shop server (201). The shop server settles the account
by producing payment bill to the visitor.
   DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the
following:
   (a) Electronic payment method;
   (b) Data processor;
   (c) Recorded medium storing electronic payment program
   USE - For restaurant, shops, etc.
   ADVANTAGE - Visitor's comfort is improved. Service quality is
improved and labor cost is reduced.
   DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of
electronic order system. (Drawing includes non-English language text).
   Integrated circuit card (110)
   Shop server (201)
   Electronic device (206)
   pp; 9 DwgNo 2/3
Title Terms: ELECTRONIC; ORDER; SYSTEM; RESTAURANT; SHOP; SHOP; SERVE;
   SETTLE; ACCOUNT; PRODUCE; PAY; BILL
Derwent Class: T01; T05
International Patent Class (Main): G07G-001/12
International Patent Class (Additional): **G06F-017/60**
File Segment: EPI

 21/5/29   (Item 11 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014064406   **Image available**
WPI Acc No: 2001-548619/200161
  **Method for paying charge by certification using personal mobile
  communication device**
Patent Assignee: DREAMWIZ INC (DREA-N)
Inventor: LEE C J
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
KR 2001028964	A	20010406	KR 9941521	A	19990928	200161	B

Priority Applications (No Type Date): KR 9941521 A 19990928
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
KR 2001028964	A		1	G06F-017/60	

Abstract (Basic): KR 2001028964 A
   NOVELTY - The method for paying a charge is provided to secure
confidence of a customer by transmitting a certification number to a
customer and rendering the customer to transmit the certification
number to the seller through the internet.
   DETAILED DESCRIPTION - The seller transmits commodity information
to a customer(S10). If the customer wants to buy a commodity, the
seller offers a **web** page having an **order** form and a paying
information form(S11). The seller receives the order form and the
paying information form from the customer(S12). The seller creates a
certification number using the customer's mobile phone number(S13). The
seller transmits the certification number to the customer through a
mobile communication network(S14). The seller receives certification
number from the customer through the internet(S15), and compares the
received certification number with the transmitted certification
number(S16). If the received certification number is not identified
with the transmitted certification number, the seller demands a
certification number again. If the certification number received again
is not identified with the transmitted certification number, a
transaction is cancelled(S17). If the received certification number is

EKD . January 30, 2003.

identified with the transmitted certification number, the seller sends
the commodity and transmits the customer's credit and purchase contents
to a mobile communication company(S18). The seller renders the mobile
communication company to demand a **paying** to the customer whenever a
charge bill is issued(S19). If the customer pays money to a bank, the
bank pays the money to the mobile communication company, and the mobile
communication company pays the money to the seller(S20).
    pp; 1 DwgNo 1/10
Title Terms: METHOD; PAY; CHARGE; CERTIFY; PERSON; MOBILE; COMMUNICATE;
  DEVICE
Derwent Class: T01
International Patent Class (Main): G06F-017/60
File Segment: EPI

 21/5/30   **(Item 12 from file: 350)**
DIALOG(R)File 350:Derwent WPIX
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013571148   **Image available**
WPI Acc No: 2001-055355/200107
Related WPI Acc No: 2000-079551
XRPX Acc No: N01-042860
  **Goods delivery management system for use in on-line shopping, transmits
  goods dispatch command including bill numbers, when payment of bill
  corresponding to purchase goods is confirmed**
Patent Assignee: MIYAYAMA N (MIYA-I)
Inventor: MIYAYAMA N
Number of Countries: 003 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2000315239	A	20001114	JP 99124471	A	19990430	200107	B
CN 1272659	A	20001108	CN 99110468	A	19990712	200114	
TW 444175	A	20010701	TW 99110205	A	19990617	200220	

Priority Applications (No Type Date): JP 99124471 A 19990430; JP 98133109 A
  19980515
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2000315239	A		6	G06F-019/00	
CN 1272659	A			G06F-017/60	
TW 444175	A			G06F-007/00	

Abstract (Basic): JP 2000315239 A
    NOVELTY - Purchase order received from customer via **Internet**,
is stored in database (11). A data analyzer (13) extracts stored data
and analyzes it, based on whose output, a bill output unit produces a
bill with barcode specifying purchase price of ordered goods and
customer. When **bill payment** is confirmed, the data analyzer sends a
goods dispatch command including **paid bill number**, to goods feeder
via Internet.
    USE - For goods delivery management during on-line shopping.
    ADVANTAGE - Goods are dispatched instantaneously and rapidly,
thereby satisfying customer's expectation, as goods dispatch command is
transmitted to goods feeder as soon as bill payment is confirmed.
    DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of
the goods delivery management system.
    Database (11)
    Data analyzer (13)
    pp; 6 DwgNo 1/3
Title Terms: GOODS; DELIVER; MANAGEMENT; SYSTEM; LINE; SHOPPING; TRANSMIT;
  GOODS; DISPATCH; COMMAND; BILL; NUMBER; PAY; BILL; CORRESPOND; PURCHASE;
  GOODS
Derwent Class: T01; T05; W01; W04
International Patent Class (Main): G06F-007/00; **G06F-017/60** ; G06F-019/00
International Patent Class (Additional): H04M-003/58

21/5/31   (Item 13 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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013050351   **Image available**
WPI Acc No: 2000-222205/200019
XRPX Acc No: N00-166308
  **Customer account manipulating method in point of sale payment method for
  automated banking, billing payment, interactive television home shopping
  application**
Patent Assignee: LUCENT TECHNOLOGIES INC (LUCE)
Inventor: REEDER K R
Number of Countries: 001   Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
US 6014636   A   20000111   US 97851923   A   19970506   200019 B

Priority Applications (No Type Date): US 97851923 A 19970506
Patent Details:
Patent No   Kind Lan Pg   Main IPC   Filing Notes
US 6014636   A   8 H04M-011/00

Abstract (Basic): US 6014636 A
      NOVELTY - A detected customer account information and an identified
  merchant information are transmitted to a customer bank and the account
  information is manipulated for paying the merchant. After manipulating
  the information, the merchant is made to fill a customer order
  information.
      DETAILED DESCRIPTION - An order form from a server connected to the
  customer bank is transmitted to the customer using an interactive
  network. Customer information, customer payment option information and
  customer order information in an order form are received at the server.
  Customer account information is detected by swiping a customer credit
  card through a magnetic card reader from the customer information
  obtained from a card. Payment option information and a merchant
  corresponding to a customer order information are identified. An
  INDEPENDENT CLAIM is also included for an apparatus for providing point
  of sale payment by customer to a merchant.
      USE - Used in point of sale payment using ITV or world wide **web**
  to select and **order** merchandise from merchant using set top box (STB)
  card reader attached to customers personal computer or ITV station. In
  ITV home shopping application, and for automated banking, **billing
  payment** . For **paying** customer's house mortgage, telephone **bill** ,
  etc.
      ADVANTAGE - Since customer account information is transmitted from
  ITV server to credit card issuer, the customer need not be present at
  merchant location but can select merchandise and effectuate payment
  from his home using ITV or WWW and set to box (STB) magnetic stripe
  reader attached to customer's ITV station or personal computer. Since
  approval of credit or debit is automatically done through ATM network
  or credit card network, the merchant need not verify the approval of
  debit or credit.
      DESCRIPTION OF DRAWING(S) - The figure is a block diagram of an
  point of sale payment apparatus.
      pp; 8 DwgNo 1/2
Title Terms: CUSTOMER; ACCOUNT; MANIPULATE; METHOD; POINT; SALE; PAY;
  METHOD; AUTOMATIC; BANK; BILL; PAY; INTERACT; TELEVISION; HOME; SHOPPING;
  APPLY
Derwent Class: T01; T05; W02; W03
International Patent Class (Main): H04M-011/00
File Segment: EPI

EKD   January 30, 2003

DIALOG(R)File 350:Derwent WPIX

012671726   **Image available**
WPI Acc No: 1999-477832/199940
XRPX Acc No: N99-355633
   **Computerised billing system for processing virtual payment related
   documents between two business parties - comprises program modules for
   generating and sending demands for ·payment, invoices and payment
   execution orders via central server linked to database**
Patent Assignee: INVOX AB (INVO-N)
Inventor: VILEN P
Number of Countries: 001   Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
SE 9703800	A	19990418	SE 973800	A	19971017	199940	B

Priority Applications (No Type Date): SE 973800 A 19971017
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
SE 9703800	A		26	G06F-017/60	

Abstract (Basic): SE 9703800 A
      NOVELTY - A first program module (20) generates a virtual invoice
   document (14) upon receiving a **virtual   demand** for payment from a
   first party (S1-Sn). A second program module (30) stores the virtual
   invoice in a database (11) linked to a central server (10). A third
   program module (40) transfers the virtual invoice or a copy or parts
   (16) thereof to the second party (M1-M-m). A fourth program module is
   used to receive a **virtual payment order** from the second party. A
   fifth program module (60) makes a **virtual payment order   request**
   to a payment-executing unit (110). DETAILED DESCRIPTION - An
   INDEPENDENT CLAIM is also included for the virtual **billing and
   payment** process using this system.
      USE - The system can be used by e.g. a mobile phone network
   provider to bill its customers, and by the customers to make payment
   for these bills. The Internet or Electronic Data Interchange (EDI) can
   be used to receive and/or pay the invoice.
      ADVANTAGE - The amount of server and hard disk space needed to
   handle the virtual invoices is reduced, little or no paper is generated
   and no scanner is required to input OCR numbers. DESCRIPTION OF
   DRAWING(S) - Figure 1 shows a schematic diagram of the payment document
   processing system. (10) Central invoice server; (11) Database for
   storing virtual transaction and invoice documents; (14) Virtual invoice
   document; (16) Virtual copy of selected parts of the virtual invoice
   document; (20) Program module for receiving virtual demand for payment;
   (30) Program module for generating virtual invoice; (40) Program module
   for sending virtual copy of selected parts of the virtual invoice
   document to network server; (50) Program module for receiving virtual
   demand for payment from the invoice receiving parts; (60) Program
   module for sending virtual payment order to payment executing unit;
   (70) Program module for generating virtual demand for payment; (80) Web
   browser; (100) Network server; (105) Database for virtual copieceiving
   parties; (S1-Sn) Invoice sending parties.
      Dwg.1/11
Title Terms: COMPUTER; BILL; SYSTEM; PROCESS; VIRTUAL; PAY; RELATED;
   DOCUMENT; TWO; BUSINESS; PARTY; COMPRISE; PROGRAM; MODULE; GENERATE; SEND
   ; DEMAND; PAY; INVOICING; PAY; EXECUTE; ORDER; CENTRAL; SERVE; LINK;
   DATABASE
Derwent Class: T01; T05; W01
International Patent Class (Main): **G06F-017/60**
International Patent Class (Additional): G06F-017/30
File Segment: EPI

21/5/33   (Item 15 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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011931840   **Image available**
WPI Acc No: 1998-348750/199830
Related WPI Acc No: 1999-059600
XRPX Acc No: N98-272145
  **Automated electronic bill payment system - has bill processing
  procedure** that includes instructions **to generate** electronic **check for
  each of** electronic bills and to transmit electronic check to electronic
  financial server associated with payee's financial institution**
Patent Assignee: SUN MICROSYSTEMS INC (SUNM)
Inventor: CHANG S; ROCHETTI R
Number of Countries: 019 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9826364	A1	19980618	WO 97US22479	A	19971208	199830	B
US 5884288	A	19990316	US 96673918	A	19960707	199918	
			US 96762710	A	19961209		
EP 1021778	A1	20000726	EP 97950886	A	19971208	200037	
			WO 97US22479	A	19971208		

Priority Applications (No Type Date): US 96762710 A 19961209; US 96673918 A
  19960707
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9826364	A1	E	40	G06F-017/60	

  Designated States (National): JP
  Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LU MC
  NL PT SE

US 5884288	A			G06F-017/60	CIP of application US 96673918
EP 1021778	A1	E		G06F-017/60	Based on patent WO 9826364

  Designated States (Regional): DE FR GB

Abstract (Basic): WO 9826364 A
      The system includes a memory for storing a number of client account
  data, each of a first subset of the client account data representing a
  payee associated with a payee client computer in communication with the
  electronic financial transaction server. Each second subset of the
  client account data represents a payor associated with a payor client
  computer in communication with the electronic financial transaction
  server. A communications interface receives one or more electronic
  bills from one or more of the payor client computers. Each electronic
  bills has associated a payee and a payee's financial institution. A
  bill processing mechanism processes each of the electronic bills with
  respect to an associated client account data. The bill processing
  procedure includes instructions to generate an electronic check for
  each of the electronic bills and to transmit the electronic check to an
  electronic financial server associated with a payee's financial
  institution.
      Dwg.2/8
Title Terms: AUTOMATIC; ELECTRONIC; BILL; PAY; SYSTEM; BILL; PROCESS;
  PROCEDURE; INSTRUCTION; GENERATE; ELECTRONIC; CHECK; ELECTRONIC; BILL;
  TRANSMIT; ELECTRONIC; CHECK; ELECTRONIC; FINANCIAL; SERVE; ASSOCIATE;
  FINANCIAL; INSTITUTION
Derwent Class: T01; T05; W01
International Patent Class (Main): **G06F-017/60**
International Patent Class (Additional): G06F-017/00; H04K-001/00
File Segment: EPI